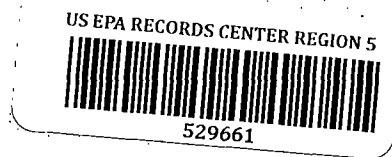


BRAUSCH ENVIRONMENTAL, LLC

5318 Alexa Road
Charlotte, NC 28277-0518
Office: (704) 246-7266
Cell: (412) 720-8549
Fax: (980) 339-3017
Email: lbrausch@brauschenv.com



Via Electronic and First-Class Mail

October 14, 2016

Ms. Shari Lynn Kolak
Remedial Project Manager
Superfund Division
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard, SRF-5J
Chicago, IL 60604-3507

**Re: Monthly Progress Report for September 2016
Remedial Investigation and Feasibility Study
Lake Calumet Cluster Site, Operable Unit 2, Chicago, Illinois**

Dear Ms. Kolak:

The Respondents respectfully submit this monthly progress report to the U.S. Environmental Protection Agency (USEPA), Region 5, pursuant to Paragraph 46 of the Administrative Settlement Agreement and Order on Consent (AOC) for the Operable Unit 2 (OU2) Remedial Investigation and Feasibility Study (RI/FS) at the Lake Calumet Cluster Site in Chicago, Illinois (the Site). This progress report summarizes efforts by the Respondents to fulfill the requirements of the AOC during the September 2016 reporting period.

1. Activities Completed During This Reporting Period

- A. On September 12, 2016, the Respondents submitted the August 2016 monthly progress report to USEPA with copies to the Illinois Environmental Protection Agency (IEPA).
- B. On September 15, 2016, the Respondents notified USEPA and IEPA of the schedule for conducting the third quarter of sampling of the Phase 3 groundwater monitoring wells. That sampling event is scheduled for October 3, 2016 and is expected to last approximately three days.¹

¹ Sampling of the Phase 3 groundwater monitoring wells was completed on October 3 through October 6, 2016.

- C. On September 20, 2016, the Respondents notified USEPA and IEPA of Arcadis U.S., Inc. (Arcadis) plans to sample MW-12 for light non-aqueous phase liquid (LNAPL) for characterization on September 22, 2016. At the request of USEPA, that sampling will be rescheduled to allow for submittal and approval of an addendum to the Quality Assurance Project Plan (QAPP) covering sampling procedures for LNAPL prior to sampling.

2. Results of Sampling and Tests and Other Data

- A. Results of the slug tests are undergoing review and will be provided once the evaluation is completed.
- B. Results of the second quarter of groundwater monitoring will be provided once data validation is completed.

3. Work Plans, Procedures, and Deliverables

- A. The Group did not submit any work plans, procedures, or other technical deliverables during the September 2016 reporting period.

4. Actions Projected for the Next Reporting Period

- A. Arcadis will prepare a QAPP addendum covering procedures for sampling LNAPL. Once that QAPP addendum is approved, Arcadis will sample MW-12 in an effort to characterize the LNAPL found in that well. USEPA and IDEM will be notified of that sampling once it is rescheduled.
- B. Arcadis will continue monthly gauging of the Phase 1 piezometers.
- C. Arcadis will conduct the third quarter of groundwater monitoring of the Phase 3 monitoring wells. That sampling event is scheduled to begin on October 3, 2016.
- D. Arcadis will inspect the embankment area along the eastern side of the Site closest to Indiana Ridge Marsh to identify seeps. Identified seeps will be sampled for characterization.

5. Progress and Schedule Report

- A. Completion of the Remedial Investigation is generally progressing in accordance with the schedule submitted with the RI/FS Work Plan. Arcadis has completed the Phase 1 piezometer investigation, Phase 2 hydraulic profiling

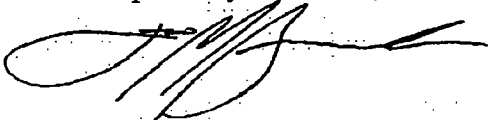
tool and vertical aquifer profiling investigations, and installation of the Phase 3 groundwater monitoring wells. The first two rounds of sampling of the Phase 3 groundwater monitoring wells and slug tests have also been completed.

- B. The scheduled date for completion of the RI will be extended as needed to accommodate four rounds of quarterly groundwater sampling rather than the one round envisioned in the schedule submitted with the RI/FS Work Plan. The Group will work with USEPA to update the schedule after review of the second round of quarterly groundwater monitoring data.

* * * *

We trust that this submittal satisfies your requirements at this time. If you have questions regarding this monthly progress report or related project matters, please do not hesitate to contact me.

Respectfully submitted,



Leo M. Brausch
Project Coordinator

LMB:

cc: P. Lake, IEPA (2 copies)

cc (via email):

S. M. Franzetti, Esq.
J. Kratzmeyer, Arcadis
P. Lake, IEPA
LCCS Technical Committee